

**Notice of Allowability**

Application No.

10/767,371

Examiner

Charles Shedrick

Applicant(s)

SUZUKI, HIDEYUKI

Art Unit

2617

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 3/15/07.
2. ☒ The allowed claim(s) is/are 3, 5, 7, and 13, renumbered as 1-4 respectively.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some\* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

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*Allowable Subject Matter*

Claims 3, 5, 7, and 13 are allowed.

The following is an examiner's statement of reasons for allowance: With respect to Applicant's remarks dated 3/15/07. The prior art of record fails to show a path table having at least one path list for holding a transfer destination terminal identifier for causing a frame to arrive at another terminal via terminals of the path list in such a manner as to correspond to the terminal identifier of the other terminal; and means for searching said path table for said path list containing an end-point terminal identifier and transmitting said frame to said transfer destination terminal identifier via terminals of the path list, when said authentication header is valid and the end-point terminal identifier of said frame is not the terminal identifier of the other terminal and for discarding said frame when said authentication header is not valid, wherein the terminal and the other terminal's communicate directly, in an ad-hoc manner, exclusive of any network access point. The prior art of record does not specifically teach searching the said key management list table for a key corresponding to a terminal identifier for the purpose of transmitting.

Shimimizu in view of Gehrmann and further in view of O'Brien in the previous office action teaches a key management table which includes an Access point and contemplates Ad Hoc network capabilities, However, Shimimizu in view of Gehrmann and further in view of O'Brien failed to teach a Terminal communicates in an Ad Hoc manner by was of searching a key management table within the terminal for a key corresponding to a terminal identifier for the purpose of transmitting and a path table having at least one path list for holding a transfer destination terminal identifier for causing a frame to arrive at another terminal via terminals of the path list in such a manner as to correspond to the terminal identifier of the other terminal; and

means for searching said path table for said path list containing an end-point terminal identifier and transmitting said frame to said transfer destination terminal identifier via terminals of the path list, when said authentication header is valid and the end-point terminal identifier of said frame is not the terminal identifier of the other terminal and for discarding said frame when said authentication header is not valid.

Therefore, Claims 3,5,7 and 13 are allowed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles Shedrick whose telephone number is (571)-272-8621. The examiner can normally be reached on Monday thru Friday 8:00AM-4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kincaid Lester can be reached on (571)-272-7922. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Charles Shedrick  
AU 2617  
June 8, 2007



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SUPERVISORY PATENT EXAMINER  
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